

PARAMETER TITLE: Temperature Dependence of D-Value (Z)

VALUE	
UPPER	21°C
ACCEPTABLE	21°C
LOWER	21°C

APPLICATION	
MISSION	All
CATEGORY	IV
PLANET	All

PARAMETER DEFINITION: The change in temperature which produces a factor of 10 change in a given D-value.

APPLICABLE SOURCE: All microbial burden subjected to dry heat sterilization cycles.

CONSTRAINTS: Applicable within the temperature range of 100°C to 125°C. Applicable to dry heat sterilization cycles meeting requirements of NPG 8020.12B.

REFERENCES: 1. Recommendations of PQAP Subcommittee 1A Resulting from Deliberations on July 25-26, 1968.

Planetary Protection Officer

Date